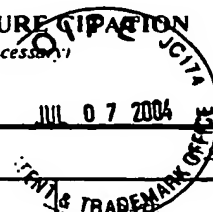


|  |  |  |  |  |  |   |  |
|--|--|--|--|--|--|---|--|
| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i> |  |  |  | Docket Number (Optional)<br><b>P04688-US</b> |  | Application Number<br><b>10/765,957</b> |  |
|  |  |  |  | Applicant(s)<br><b>Masahide Sato, et al.</b> |  |   |  |
|  |  |  |  | Group Art Unit<br><b>2821</b>                |  | <b>Not Yet Assigned</b>                 |  |




| U.S. PATENT DOCUMENTS |     |                 |      |       |          |                            |  |
|-----------------------|-----|-----------------|------|-------|----------|----------------------------|--|
| *EXAMINER INITIAL     | REF | DOCUMENT NUMBER | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |  |
|                       |     |                 |      |       |          |                            |  |
|                       |     |                 |      |       |          |                            |  |
|                       |     |                 |      |       |          |                            |  |
|                       |     |                 |      |       |          |                            |  |
|                       |     |                 |      |       |          |                            |  |
|                       |     |                 |      |       |          |                            |  |

| U.S. PATENT APPLICATION PUBLICATIONS |     |                 |      |      |       |          |                            |
|--------------------------------------|-----|-----------------|------|------|-------|----------|----------------------------|
| *EXAMINER INITIAL                    | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |

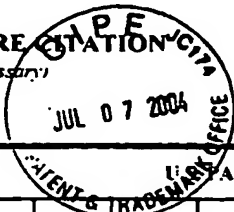
| FOREIGN PATENT DOCUMENTS |     |                 |            |         |       |          |             |    |
|--------------------------|-----|-----------------|------------|---------|-------|----------|-------------|----|
|                          | REF | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | Translation |    |
|                          |     |                 |            |         |       |          | YES         | NO |
| HN                       |     | 2001-313514     | 11/09/2001 | Japan   |       |          | ABS         |    |
|                          |     |                 |            |         |       |          |             |    |
|                          |     |                 |            |         |       |          |             |    |
|                          |     |                 |            |         |       |          |             |    |
|                          |     |                 |            |         |       |          |             |    |
|                          |     |                 |            |         |       |          |             |    |

| OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small> |  |  |
|---|--|--|
|   |  |  |
|   |  |  |

|  |                                |
|--|--------------------------------|
| EXAMINER  | DATE CONSIDERED <b>3/28/05</b> |
|--|--------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)



|  |  |
|--|--|
| Docket Number (Optional)<br><b>P04688-US</b> | Application Number<br><b>10/765,957</b>                  |
| Applicant(s)<br><b>Masahide Sato, et al.</b> |  |
| Filing Date<br><b>January 29, 2004</b>       | Group Art Unit<br><b>2821</b><br><b>Not Yet Assigned</b> |

| PATENT DOCUMENTS  |     |                 |            |           |       |          |                            |
|-------------------|-----|-----------------|------------|-----------|-------|----------|----------------------------|
| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE       | NAME      | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| HN                |     | 3,868,694       | 02/25/1975 | Meinke    | 343   | 753      |                            |
| HN                |     | 6,052,889       | 04/25/2000 | Yu et al. | 29    | 600      |                            |
|                   |     |                 |            |           |       |          |                            |
|                   |     |                 |            |           |       |          |                            |
|                   |     |                 |            |           |       |          |                            |

| U.S. PATENT APPLICATION PUBLICATIONS |     |                 |      |      |       |          |                            |
|--------------------------------------|-----|-----------------|------|------|-------|----------|----------------------------|
| *EXAMINER INITIAL                    | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |
|                                      |     |                 |      |      |       |          |                            |

| FOREIGN PATENT DOCUMENTS |     |                 |            |          |       |          |             |    |
|--------------------------|-----|-----------------|------------|----------|-------|----------|-------------|----|
|                          | REF | DOCUMENT NUMBER | DATE       | COUNTRY  | CLASS | SUBCLASS | Translation |    |
|                          |     |                 |            |          |       |          | YES         | NO |
| HN                       |     | 9-83238         | 03/28/1997 | Japan    |       |          | ABS         |    |
| HN                       |     | EP 1 189 305 A2 | 03/20/2002 | European |       |          |             |    |
|                          |     |                 |            |          |       |          |             |    |
|                          |     |                 |            |          |       |          |             |    |
|                          |     |                 |            |          |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
| HN   |  | European Search Report dated April 26, 2004. |
|  |  |  |

|              |                                   |
|--------------|-----------------------------------|
| EXAMINER<br> | DATE CONSIDERED<br><b>3/20/05</b> |
|--------------|-----------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CHARTER**  
(Use several sheets if necessary)

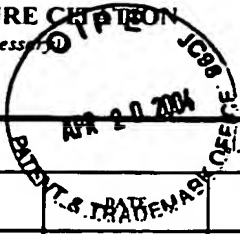
Docket Number (Optional)  
**P04688-US**

Application Number  
**10/765,957**

Applicant(s)  
**Masahide Sato, et al.**

Filing Date  
**January 29, 2004**

Group Art Unit **2821**  
**Not Yet Assigned**



**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE<br>MADE AVAILABLE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|------------------------|------|-------|----------|-------------------------------|
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |
|                      |     |                 |                        |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|-----|-----------------|------|---------|-------|----------|-------------|----|
|     |                 |      |         |       |          | YES         | NO |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |   |
|----|--|---|
| #2 |  | Kuroda, et al., "A Study of Small Broadband Antenna I-Property of Dielectric Covered Mono-conical Antenna", Proceedings of the 2003 IEICE General Conference, p. 131.     |
| #2 |  | Yamaura, et al., "A Study of Small Broadband Antenna II-Downsizing of Dielectric Covered Mono-conical Antenna", Proceedings of the 2003 IEICE General Conference, p. 132. |

EXAMINER

DATE CONSIDERED **3/28/05**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.